

N°-12.

Sept'r 1st 1889

Sept'r 11th 1889.

Dr 3079 to 3093.

H_yd 1964 to 2049.

Copie Digbee. Turns 4780.

Correction Table. N^o 2. Reel. Correction 253.

Cor.	Turns.	Cor.	Turns.	Cor.	Turns.
0	50	37	1800	141	3550
0	100	39	1850	145	3600
0	150	41	1900	150	3650
1	200	43	1950	154	3700
1	250	45	2000	158	3750
1	300	47	2050	162	3800
2	350	50	2100	167	3850
2	400	53	2150	171	3900
3	450	55	2200	175	3950
3	500	57	2250	179	4000
4	550	60	2300	184	4050
5	600	63	2350	188	4100
5	650	66	2400	193	4150
6	700	68	2450	197	4200
7	750	71	2500	202	4250
8	800	74	2550	206	4300
9	850	77	2600	211	4350
10	900	80	2650	216	4400
11	950	83	2700	221	4450
12	1000	86	2750	225	4500
13	1050	89	2800	230	4550
14	1100	92	2850	235	4600
15	1150	95	2900	240	4650
16	1200	99	2950	245	4700
18	1250	102	3000	250	4750
19	1300	106	3050	253	4780
21	1350	109	3100		
22	1400	113	3150		
24	1450	116	3200		
25	1500	120	3250		
27	1550	123	3300		
29	1600	127	3350		
31	1650	131	3400		
33	1700	135	3450		
35	1750	138	3500		

Tanner.

384 turns on reel.

Turns- 16 to 38	+ 1.
39- 70	+ 2.
71- 105	+ 3.
106- 145	+ 4.
146- 190	+ 5.
191- 260	+ 6.
261- 384	+ 7.

Abbreviations-

Ab'r'n.

Ab'r'n.

C.	Clay.	ers.	Coarse.
Co.	Corde.	fre.	Fine.
		hrd.	Hard.
G.	Gravel.	lge.	Large.
Glob.	Globigerina.	sky.	Rocky.
M.	Mud.	soft.	Soft.
Ooz.	Ooze.	smal.	Small.
P.	Pebbles.	stck.	Sticky.
		bk.	Black.
R.	Rocks.	br.	Brown.
S.	Sand.	bu.	Blue.
Sh.	Shells.	choc.	Chocolate.
Sp.	Spicks.	dk.	Dark.
St.	Stones.	gn.	Green.
brk.	Broken.	rd.	Red.
gy.	Gray.	plat.	Slate.
lt.	Light.	yl.	Yellow.
Wh.	White.		

Last Numbers-

Hydro. 1963.

Aridge. 3878.

Swans Fountain Pen
Sept. 14 1889.

No. 1964 Hydro. Date Sept. 1st 1889.

Machine. — Reel.

Turns 74 Cor. + 3.

Depth 22 fms.

Shot or lead 1.5 lbs.

Bottom 0.

Bottom temperature 46.1°

No. of Thermometer 51-151 Cor. + 0.3°

Corrected temperature 45.8°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.25.45	27.00	0		
25.35	11.25.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1965 Hydro. Date Sept. 11, 1889.

Machine. — Reel.

Turns 76 Cor. + 2 Depth 74 fms.

Shot or lead 25 lbs.

Bottom

Bottom temperature 45.9°

No. of Thermometer 61861 Cor. -0.3°

Corrected temperature 45.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.84.12	11.15	0		
12.84.31	12.10.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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3600
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1966 Hydro. Date Sept. 1st 1889.

Journal Machine. — Reel.

Turns 167 Cor. + 5

Depth 174 fms.

Shot or lead 25 lbs.

Bottom on Machine

Bottom temperature 43.9°

No. of Thermometer 5 — Cor. + 0.3°

Corrected temperature 43.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17.22.20	27.12	0		
17.16	25.30	100		
24.00	12.24.15	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
		2000		
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		2200		
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 114. 1967 Date Sept. 10.
Tanner Machine. — Reel.

Turns 85 Cor. + 3 Depth 85

Shot or lead 25 lbs

Bottom 10 fms.

Bottom temperature 45.8

No. of Thermometer 51451 Cor. - 0

Corrected temperature 45.8°

Air 60 Surface 60 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-87-0	12-40-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
300				
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700				
800				
900				
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REMARKS.

No. 40. 1968 Date Sept. 1868

Machine. — Reel.

Turns Cor. + 3 Depth

Shot or lead 250 lbs

Bottom Cost 25 ft. End

Bottom temperature 45°

No. of Thermometer 51451 Cor. + 1.5°

Corrected temperature 45.5°

Air Surface 60 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.

TURNs.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

2-49-15 12-51-15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

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1600

1700

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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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200				
300				
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500				
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800				
900				
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REMARKS.

507
No. Hy. 1969 Date Sept 1/89.
Current Machine. — Reel.

Turns 76 Cor. + 3 Depth 79

Shot or lead 35 lbs

Bottom 9 m deep S.

Bottom temperature 46

No. of Thermometer 514/51 Cor. - 0.3 °

Corrected temperature 45.7 °

Air 63 Surface 59 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-07-0	1-09-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 19% Date Sept 18:

1100m Machine. — Reel.

Turns 150 Cor. + 5 Depth 15

Shot or lead 25 lbs.

Bottom 7K S.

Bottom temperature 44

No. of Thermometer 511/51 Cor. - 0.2

Corrected temperature 43.7°

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.W	DOWN.		UP.	
1-38-30	43-0	0		
10-0		100		
-0.	1-41-30	150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 111 Date

Machine. — Reel.

Turns 105 Cor. + 4 Depth 139

Shot or lead 25 lbs.

Bottom 68 S 7 W

Bottom temperature 44°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 43.9°

Air 62 Surface 62 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-52-30	56-15	0		
54-15	1-52-30	100		
		39		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~907~~
No. 74, 1972 Date 11/11/72

Machine. — Reel.

Turns 120 Cor. + 4 Depth 124

Shot or lead 25 lb.

Bottom 78.37 m

Bottom temperature 11°

No. of Thermometer 7 Cor. + 3°

Corrected temperature 44.7°

Air 0.2 Surface 6.5 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.5-6	8-30	0		
6-0	2-6-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Ag. 1973 Date 1159.
 Dabner Machine. — Reel.

Turns 87 Cor. + 3 Depth 90

Shot or lead 25 lbs.

Bottom gr. in T. G.

Bottom temperature 45.8

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.5°

Air 62 Surface 62 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.52	21.52	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. Hy. 1904 Date Sept 1
1 Ammer Machine. — Reel.

Turns 75 Cor. + 3 Depth 75

Shot or lead 25 lbs.

Bottom 40 34 6

Bottom temperature 46

No. of Thermometer 51451 Cor. + 0.6

Corrected temperature 45.7°

Air 62 Surface 62 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
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900				
1000				

REMARKS.

No. 44. 1750 Date Sept 1/89.
Machine. — Reel.

Turns 68 Cor. + 2 Depth 70

Shot or lead 25 lbs

Bottom 6.7 fms.

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.2

Corrected temperature 45.8

Air 60 Surface 59 Drift.

Trawl or dredge or tangles —

W	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	110 - 30	1142 - 0	0		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 119, 1906 Date Sept 1, 1906
Machine. — Reel.

Turns 68 Cor. + 2 Depth 7°

Shot or lead 25 lbs.

Bottom 7°

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 60 Surface 59 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
40	560	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 14, 1917 Date Sept. 1.

Wires Machine. — Reel.

Turns 65 Cor. + 2 Depth 67

Shot or lead 2.5 lbs.

Bottom 9 m or 30 ft.

Bottom temperature 46

No. of Thermometer 51, 45.5° Cor.

Corrected temperature 45.7°

Air 60 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-17-0	3-19-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. N.Y. 1978 Date Sept 1/89.

Bottom Machine. — Reel.

Turns 54 Cor. + 2 Depth 61

Shot or lead 25 lb.

Bottom Eng. & York Sh.

Bottom temperature 46

No. of Thermometer 514451 Cor.

Corrected temperature 45.7°

Air 60 Surface 54 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	0	0		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100				
2200				
2300				
2400				

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 103019 Date

Machine. — Reel.

Turns 53 Cor. + 2 Depth 55

Shot or lead 25 lbs

Bottom Rky

Bottom temperature 47

No. of Thermometer 31451 Cor.

Corrected temperature 46.7°

Air 60 Surface 59 Drift. 1 m NW by N

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-49-30	3-51-0	0	15-17-0	4.20.0
		100	05-30	17
		200		4.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lowered dredge at 3.55, which went mixed at
5.24 having caught - mix -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1

Date 4.

Machine. — Reel.

Turns 60 Cor. + Depth 55

Shot or lead 25 lbs.

Bottom ~~Co. Bay~~

Bottom temperature 47.5°

No. of Thermometer 5145 Cor. +

Corrected temperature 47.2°

Air 60 Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

Trawl or dredge or tangles at 57.0 fathoms
5.25. Catch 1 Red fish. 1 dog fish.

Drift outside dredge 1 mile S. E. 2 -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Sounding

No. 180 Date Sept 1-1889

Machine. — Reel.

Turns 90 Cor. + 3 Depth 98

Shot or lead 25 lbs.

Bottom 9 m.

Bottom temperature 45°

No. of Thermometer 51451 Cor.

Corrected temperature 45.6

Air 64 Surface 60 Drift, 1/2 nautical miles

Trawl or dredge or tangles Large 18 cm

SOUNDING WIRE.		TURNS.	BOTT DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-45-0	6-47-0	0	6-47-30	38-0
		100	53-30	34-0
		200	51-20	4-29-3.0
		300	51-30	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

100 Alcyonium 4' radius. 16' water -
 5 species Rock Fish - Many small fish -
 1 Chilurus Cod - Several other small fish -
 Many small shrimps - Many large shrimps -
 Numerous other invertebrates.

567 22
No. 3081 Dredge Date

Miner Machine. Reel.

Turns 59 Cor. + 2. Depth 61

Shot or lead 2 lbs.

Bottom on 1/2 m.

Bottom temperature 46.1°

No. of Thermometer 5145 Cor. + 0°

Corrected temperature 45.8°

Air 60° Surface Drift 14°

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
51.40	8.51.50	0	8.55.00	0
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

6 species & counted. **REMARKS** Plentiful, a
black bed. 4 other species & shallow
Crabs - large Myiothrixians - numerous
Barns - flat fish shells - sea urchins -
sea anemones & Penatulas.

507
St. 11

Dredge

No.

5. 82

Date

July 4

Bottom

Machine. — Reel.

Turns 41 Cor. + 2 Depth 46.2

Shot or lead 25 lbs

Bottom free 94.8

Bottom temperature 46.5

No. of Thermometer 51451 Cor.

Corrected temperature 46.2°

Air 57 Surface 57 Drift. 5 m N. W.

Trawl or dredge or tangles Large number

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.	DOWN.	UP.
5-82-0	5-73-15	0	5-26-8
		100	34-1
		200	1-116-0
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

Alt. 5. m. 1000' 8 m. 1000' 1000'
Trawl or dredge or tangles
Hauled up, number 1st 6.05

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date Oct 26 1897

Machine. — Reel.

Turns 31 Cor. + 1 Depth 32

Shot or lead 25 60

Bottom free. 99 S. 48. 44.

Bottom temperature 48° 1'

No. of Thermometer 51 45 Cor. -0.3

Corrected temperature 47.8°

Air 57 Surface 36 Drift 1100 31

Trawl or dredge or tangles large Rem.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1	2	0	1	2
3	4	100	3	4
5	6	200	5	6
7	8	300	7	8
9	10	400	9	10
11	12	500	11	12
13	14	600	13	14
15	16	700	15	16
17	18	800	17	18
19	20	900	19	20
21	22	1000	21	22
23	24	1100	23	24
25	26	1200	25	26
27	28	1300	27	28
29	30	1400	29	30
31	32	1500	31	32
33	34	1600	33	34
35	36	1700	35	36
37	38	1800	37	38
39	40	1900	39	40
41	42	2000	41	42
43	44	2100	43	44
45	46	2200	45	46
47	48	2300	47	48
49	50	2400	49	50

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1955 H. Date July

Hour 10 Machine, — Reel.

Turns — Cor. + Depth

Shot or lead 14

Bottom

Bottom temperature

No. of Thermometer — — Cor.

Corrected temperature

Air 56 Surface 65 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1971 Hydro. Date Sept. 2^d

Panner Machine. - Reel.

Turns 25 Cor. + 1 Depth 24 fms.

Shot or lead 20 lbs.

Bottom -

Bottom temperature 50.1°

No. of Thermometer 51451 Cor.

Corrected temperature 48.8°

Air 58° Surface Drift.

Trawl or dredge or tangles

A.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
9.40, 40		41.40	0		
40.50		41.00	100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 50811 Date Sept. 2nd

Miner Machine. - Reel.

Turns 44 Cor. + 2 Depth 46

Shot or lead 25 lbs.

Bottom 20 m. S.W.

Bottom temperature 47.2

No. of Thermometer 51451 Cor. + 0.0

Corrected temperature 46.9°

Air 59 Surface 58 Drift. 1/2 N.E. (approx.)

Trawl or dredge or tangles 1000 ft. 1000 ft.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-13-0	12-14-0	0	12-13-0	12-13-0
		100	12-13-0	12-13-0
		200	12-13-0	12-13-0
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hauled in line at first

S. 200 ft. 11

Conept. 16 lbs to 6 ft
9 wire

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

Dear Dr. Schenck,
I am sending you
1 October 1923,

No. Hy 1982 Date Oct 17-18 1902

Machine. — Reel.

Turns 300 Cor. + 1 Depth 31

Shot or lead 3.5 lb.

Bottom 1000 fms. S

Bottom temperature 47.7°

No. of Thermometer 512151 Cor.

Corrected temperature 47.7°

Air 60 Surface 17 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Hauled in wire out in 20 -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
S. H. P.

No. H4 1953 Date 8

Machine. — Reel.

Turns Cor. + Depth 19
Shot or lead Hand 14 lbs.

Bottom fine sand

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 62 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

0.000 DOWN.

UP.

3-45-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DOWN.

UP.

1000

1100

1200

1300

1400

1500

at 345 11 m. 11 m. ch. lines
Coring line 5 lines
C. 18 ft. 60 ft.

2 Rat 4

hoisted wire at 46.20 —

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1984 Myard. Date

Hand line. Machine. Reel.

Turns — Cor. + Depth 12 fms.

Shot or lead 14 lbs.

Bottom fine gr. S.

Bottom temperature none : 20 m.

No. of Thermometer — Cor.

Corrected temperature

Air 62° Surface 55° Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		UP.	DOWN.
4. 2. 19	4. 2. 19	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 191. Date, Sept. 2^d

Machine. — Reel.

Turns 30 Cor. + 1 Depth 511.

Shot or lead 20 fms.

Bottom Wh. S. 30, sp. vi

Bottom temperature 48.1°

No. of Thermometer 51451 Cor.

Corrected temperature 47.8°

Air " Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
38.75	39.30	0		
38.35	5.38.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Capo Perpetua before E. in E. (7.1.7)
distant 4.6.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

A.R. / 507
 No. 3585 Date Sept 21 1880
 Danner Machine. — Reel.
 Turns 40 Cor. + 2 Depth 1/2
 Shot or lead 30 lbs.
 Bottom fine sand, rocky
 Bottom temperature 64.6
 No. of Thermometer 511157 Cor. - 0.3°
 Corrected temperature 45.3°
 Air 58 Surface 56 Drift, 1/2 m. $\sqrt{1/4}$
 Trawl or dredge or tangles large bottom 2

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-25-0	8-27-30	0	8-28-0	9-0-0
		100	38-0	8-54-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Approximate length of 1/2 m. $\sqrt{1/4}$ m.
 Approximate length of 1/2 m. $\sqrt{1/4}$ m.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

One *Phaeoceros*
A few *Prawns* & *Starfish*.

Trawl goes down and nearly
catching ~~nothing~~ ^{nothing}.

No. 2086 Dredge Date

Sailors Machine. — Reel.

Turns 44 Cor. + 2 Depth

Shot or lead 2 lbs

Bottom fath. 44.5 N.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor.

Corrected temperature 46.2°

Air Surface Drift. 14 min.

Trawl or dredge or tangles large beam

A.M. SOUNDING WIRE.		TURNS.	A.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.00	5.03.00	0	5.53.30	
		100	5.14.15	
		50		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Diagram right wire 46.5° at drift. 10.5°

(10)

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. St. Peter's Flounders - shells
 2. Cod, small - 1000, 6 in.

No. 12. - Height. Date Sept. 3rd

Janus Machine. Reel.

Turns 422 Cor. + 2

Depth - - - - -

Shot or lead 20 lbs

Bottom

Bottom temperature

No. of Thermometer 51451 Cor.

Corrected temperature 47.5°

Air 66 Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
10	55.44.23	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

High wind high tide 10.25.1861 10.25.1861
Sight tides 10.25.1861

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1959 Hydro. Date Sept 2nd

Janet Machine. Reel.

Turns Cor. + Depth

Shot or lead 20 lbs.

Bottom 4.

Bottom temperature 46.2°

No. of Thermometer 31451 Cor. 0.1

Corrected temperature 46.2°

Air 65 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Alagomego Reg. 100 fms. 100 fms. 100 fms.
65 fms. + 5 fms. mellen

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 500 Hydro. Date Sept. 3^d 1889.

Tanner Machine. — Reel.

Turns 31 Cor. + 1 Depth 32 fms.

Shot or lead 20 lbs.

Bottom b.k. S.

Bottom temperature 47.0°

No. of Thermometer 5145 Cor. - 0.3

Corrected temperature 46.7°

Air 46° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.23.00	24.05	0		
23.15	7.23.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7.23.00 7.23.25 7.23.00 7.23.25

Bottom - 45 fms. 45 fms.

2 King or Common Cod.
1 Black Cod.
1 Blue Top Kitefin

Line 14' 6 ft. 9"

Bottom 82 inches

2500
2600
2700
2800
2900
3000
3100
3200
3300
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 10

Date 10/11/12

Machine. — Reel.

Turns 43 Cor. + 2 Depth 45

Shot or lead 100

Bottom 67

Bottom temperature 46.8

No. of Thermometer 57.10 Cor.

Corrected temperature 46.5°

Air 36 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-31-0	1-33-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
		1700		
		1800		
		1900		
		2000		
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		2200		
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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. Hy. 1990 Date Sept. 21/83.
Tanner Machine. — Reel.

Turns 42 Cor. + 2 Depth 44

Shot or lead 20 lbs

Bottom 6.

Bottom temperature 46.8

No. of Thermometer 511151 Cor.

Corrected temperature 46.5

Air 57. Surface 16. Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-50-30	9-51-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
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3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 34, 1991 Date Oct. 13.

2 Amm. of Machine. — Reel.

Turns 46 Cor. + 2 Depth 48°

Shot or lead 20 lbs.

Bottom 6.

Bottom temperature 46.6

No. of Thermometer 5, 11.5, Cor.

Corrected temperature 46.3°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-40-30	10-41-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.	3084.	Date	Sept. 3/09.
Compt.	Machine. — Reel.		
Turns	115	Cor. +	2
Depth	46		
Shot or lead	10	10	
Bottom	64	P. 21	
Bottom temperature	46.2		
No. of Thermometer	571151	Cor.	-0.3°
Corrected temperature	45.9°		
Air	56	Surface	56
Trawl or dredge or tangles		Drift. / sec	148.64
SOUNDING WIRE.		DREDGE ROPE.	
N.W.	DOWN.	UP.	DOWN.
11-2-30	11-21-0		11-2-30
		0	19-30.
		70	
		100	10-0
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
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		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

To star fish & larvae

No.

Date Oct 14 37

Time

Machine. — Reel.

Turns 1111 Cor. + 2. Depth 116.

Shot or lead 20 lbs.

Bottom 627.

Bottom temperature 116.6

No. of Thermometer 514181 Cor.

Corrected temperature 46.6

Air 56. Surface 56. Drift 1 m/s $\frac{1}{4}$ of

Trawl or dredge or tangles small beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1	0
		70	2	0
		100	30-0	11-40-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Brachioderida shells - Starfish
Oscidians - Basket star fish
small Tunicates

Crabs (seen hardly)

No. Hy. 1992 Date 8/11 3/89.

Chamber Machine. — Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 100.00

Bottom R-key

Bottom temperature 47.5

No. of Thermometer 51181 Cor. - 0.3°

Corrected temperature 47.2°

Air 59 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 - 54-45	11.56.2	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 11:57 11.56.2
Coring 6 m. in 11.56.2
Winded on line at 12.25

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1002 Hydro. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. - 0.3°

Corrected temperature 48.2°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.11.48	5.11.	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		Mariana Light House 48.2 m. 100 fms 2.5		

2500
2600
2700
2800
2900
3000
3100
3200
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3400
3500
3600
3700
3800
3900
4000

"

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1094 by J. Date Sept. 3rd 1859

1000 ft. Machine. - Reel.

Turns 37 Cor. + 1 Depth

Shot or lead 20 lbs.

Bottom $\frac{1}{2}$ in.

Bottom temperature

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.9°

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1000	0	0		
475	480	100		
475.10	475.25	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Notes

1000 ft.

Yankee & big 67. we see some
dredge 1000 ft.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 74. 1990 Date Sept. 17/89.
Machine. — Reel.

Turns 44 Cor. + 2 Depth 46

Shot or lead 3 lbs.

Bottom fine sand & silt

Bottom temperature 45.4°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.1°

Air 63 Surface 60 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.	TURNS.		DREDGE ROPE.	
	DOWN.	UP.	DOWN.	UP.
3-27-0	3-3.0-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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		2200		
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2500
2600
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2800
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3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11 Date 10. 17. 1900
 Subject Machine. — Reel.

Turns 37 Cor. + 1 Depth 40

Shot or lead 2000

Bottom from 200 fms.

Bottom temperature 40

No. of Thermometer 51 N 51 Cor. - 0.3°

Corrected temperature 45.3°

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
341	- 46.5	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		2300		
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2500
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2800
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 19078. Date Oct. 11, 1886.

Hand lead machine. — Reel.

Turns — Cor. + — Depth 22 fms.

Shot or lead 14 lbs.

Bottom fine gr. S.

Bottom temperature none taken.

No. of Thermometer — Cor. —

Corrected temperature —

Air 60° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.	TURNS.		DREDGE ROPE.	
	DOWN.	UP.	DOWN.	UP.
4.3.7 mds	16.262 m	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Alt 4335 feet 1/2 road line N. E. 1/4 sec.
X showed same alt 4350

Catch —

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 1918 Date 10/11/18
Machine. Reel.

Turns -- Cor. + Depth 15

Shot or lead - Hand.

Bottom

Bottom temperature

No. of Thermometer _____ Cor. -

Corrected temperature -

Air 82 Surface 36 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-12-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		2100		
		2200		
		2300		
		2400		

2500
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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. 3089 Date Sept 1st 1855

for the Machine. — Reel.

Turns — Cor. + — Depth 20 fms.

Shot or lead 14 lbs.

Bottom free. S

Bottom temperature none taken.

No. of Thermometer Cor.

Corrected temperature

Air 62 Surface 56 Drift. 11/4 fm S V.

Trawl or dredge or tangles Last 1.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.53.50	5.53.03	0	6-36-0	7-02-0
		11		
		100	40-0	6-39-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

12 Dives - 3 Shrimps -
 some young Thamnaconus. -
 126 fms. deep,

~~HC 2~~
No. 3090 Dredge Date 6/2/11

Tanner Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms.

Sheets lead 20 lbs.

Bottom fine gy. S

Bottom temperature 46°

No. of Thermometer 514.51 Cor. - 0.3°

Corrected temperature 45.8°

Air 58° Surface 57° Drift. 1/2 m. W. S. W.

Trawl or dredge or tangles

P.T.D. SOUNDING WIRE.		TURNS.	D.D.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 18 20	20.20	0	8.22.00	9. 01. 15
11. 00	0.10.10	100	26.15	37.00
		180	28.00	8.54. 30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Tobacco Rock Pt. Hb. N³ 1/4 E - 15 1/4'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 Rock Cod - 14 chin - 3 specie
 2 Flounders - few shrimps

Dredge

3091.

Date

Sept. 8, 1911.

No.

Danner.

Machine.

Reel.

Turns 84 Cor. + 3 Depth 87

Shot or lead 200 lbs.

Bottom 9 m. d.

Bottom temperature none taken

No. of Thermometer 51451 Cor. -

Corrected temperature -

Air 54 Surface 56 Drift. 2 1/4 m. East.

Trawl or dredge or tangles large Benthos.

SOUNDING WIRE.		TURNS.	A. C. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-7-0-0	5-3-0-0	0	5-3-5-0	22 0
		100	42-6	19-0
		200	41-0	6-16-0
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Horn and vicinity 1911

Cape Horn and vicinity 18 1/2'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Fire Red Rock Cod. - 3 Specie.
100 Glor. Dromedors. - 11 " "
1/2 Large Dif. of Glor. Dromedors.
1 peck " " Prawns
3 or 4 Pounds Shrimps Fresh.
1/2 dz. Squid -

~~567~~ Dredge-

No. 3092. Date Sept. 8/29.

Varroo Machine. — Reel.

Turns 44. Cor. + 2 Depth 46

Shot or lead 20 lbs

Bottom 61 "

Bottom temperature 46.2

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.9°

Air 59 Surface 56 Drift. 1/2 m. E. S. S.

Trawl or dredge or tangles 1000 - 3000 -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-30-10	7-30-10	0	8-02-10	28.30
		100	09.30	2.50
		120	10.60	5.75
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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2800
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3000
3100
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3400
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

4 Species of Glaucostegus 24 individuals
 3 Other small fishes 2 individuals

No. 1999 in use Date Sept. 8th '01.
Tanner Machine. Reel.

Turns 500 Cor. + 1 Depth 10 fms.

Shot or lead 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 51.5° Cor. - 0.3°

Corrected temperature 51.2°

Air 51° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
59		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 2:20 done with this wire & will be used
again at 12:30.

Cat-h. Net.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2000 Hydro. Date Sept. 8th i

Turns 17 Cor. + 1 Machine. - Reel.

Turns 17 Cor. + 1 Depth 18 fms.

Shot or lead 20 lbs.

Bottom ag. S. nd. S. -

Bottom temperature 48.7°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 48.4

Air 57° Surface 52° Drift.

Trawl or dredge or tangles

0.7	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
10.10.30	10.55		0		
10.37	10.10.42		100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

But is hand line or wire 6' 7" in. & the 10.10.42 have not these lines in. 10.45
Cetek - 10.10.42

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2001 Hydro. Date

1877 Machine. Reel.

Turns Cor. Depth

Shot or lead 20

Bottom

Bottom temperature

No. of Thermometer 51 451. Cor.

Corrected temperature 48.

Air 57° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Mendocino E.N.E. 1 mile.

in sound lines and over trawl or mile at 10:30
handled wire at 11:30
Cape Mendocino

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. 2002 by J. B. Date Sept. 8th 1880

Tanner Machine. — Reel.

Turns 15 Cor. + 1 Depth 16

Shot or lead 20 lbs.

Bottom fine sand.

Bottom temperature 48.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.2

Air 57° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 51. 30	11. 51. 30	0		
51. 40	11. 51. 30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cast Net over wire (mag) 2 min.

12. 0.5

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2002

Date Sept. 17, 1881

Machine. — Reel.

Turns — Cor. + — Depth 18

Shot or lead Hand 14 lbs.

Bottom fine gy. s.

Bottom temperature

No. of Thermometer Cor. —

Corrected temperature.

Air 54 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-10-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Dredge

No. 3093 Date Oct. 11, 1893
Towed Machine. - Reel.

Turns 55 Cor. + 7 Depth 59

Shot or lead 20 lbs.

Bottom fine gy. S.

Bottom temperature 45.2

No. of Thermometer 51451 Cor. - 0.3

Corrected temperature 45.2

Air 54 Surface 50 Drift. 2 1/2 88 x 8 1/2

Trawl or dredge or tangles (1100 fms.)

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-28-0	2-28-20	0	2-28-0	2-17
		100	37-0	
		175	49-0	3-0-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

5.7 fms. of dredge line
hauled in line at 3.25.
down 20 fms.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 34. 2005		Date Sept. 8/89.
C. M. M. Machine. — Reel.		
Turns 38	Cor. + 1	Depth 59
Shot or lead	20 lbs	
Bottom	fine gravel	
Bottom temperature	47	
No. of Thermometer 51451	Cor.	
Corrected temperature	46.7°	
Air 54	Surface 50	Drift.
Trawl or dredge or tangles		
SOUNDING WIRE.		DREDGE ROPE,
DOWN.	UP.	DOWN.
3-37-0	3-38-0	
		0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2000 1/20. Date 9

110 ft. Machine. Reel.

Turns Cor. + 1. Depth

Shot or lead 20700

Bottom 1000 fms.

Bottom temperature

No. of Thermometer 511751. Cor. - 0.3°

Corrected temperature 47.2°

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Length 1000 ft. + 1000 ft. = 2000 ft. dia. 0.7 in.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~245~~
No. Hy 200% Date September 11
Dinner Machine. — Reel.

Turns 18 Cor. + 1 Depth 19.

Shot or lead 20 lbs.

Bottom fine sand & ssp.

Bottom temperature 48

No. of Thermometer 51 & 51 Cor. - 0.5

Corrected temperature 47.

Air 51 Surface 48 Drift.

Trawl or dredge or tangles

7.00. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-4-0	4-5-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11100 Date Oct. 1.

Machine. — Reel.

Turns 5 Cor. + 1 Depth 24

Shot or lead 20 lbs.

Bottom 40 fms. 3°

Bottom temperature 48

No. of Thermometer 07451 Cor. + 0.2°

Corrected temperature 47.7°

Air 51 Surface 48 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

YARD DOWN. UP.

4-116.0 7-117.50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 9.46 min 10 fms. from boat
X channel taken in at 7.55.
Anchored 17 min.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2004 No. Date Oct

Lead and Machine. Reel.

Turns --- Cor. + --- Depth

Shot or lead 14 lbs.

Bottom

Bottom temperature °

No. of Thermometer --- Cor.

Corrected temperature

Air --- Surface --- Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

May 16, 1900. North (mag) dis. 1.5 mi.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2010 Date 5/13/13
Ship of lead Machine. Reel.

Turns — Cor. +

Depth

Shot or lead

Bottom fine 4h 3

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air 52° Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2011 Neg. 10 - Date

-- Machine. -- Reel.

Turns 300 Cor. + Depth

Shot or lead 20.0

Bottom 45.0

Bottom temperature

No. of Thermometer 61451 Cor. - 0.3°

Corrected temperature 45.8°

Air 52° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2012 ~~Set~~ Date

Tanner Machine. Reel.

Turns 5 Cor. + 2 Depth 5

Shot or lead 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 5 Cor.

Corrected temperature 45.6

Air 52° Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE,	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
	115	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1 Date 12.12.12

Machine. Reel.

Turns Cor. + 2 Depth 69

Shot or lead 25

Bottom 14

Bottom temperature 45.

No. of Thermometer 6145 Cor.

Corrected temperature 47.5

Air 55, Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
15.30	15.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2014 Lat. *...* Date *...*

Machine. — Reel.

Turns *...* Cor. + *...* Depth *...*

Shot or lead

Bottom *...*

Bottom temperature

No. of Thermometer *...* Cor.Corrected temperature 45.4° Air 55° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2015 Hydro. Date Sept. 9th 1889.

Jawlins Machine. - Reel.

Turns 47 Cor. + 2 - Depth 49 fms.

Shot or lead 20 lbs.

Bottom crs. S.

Bottom temperature 46.2°

No. of Thermometer 51 451 Cor. + 0.

Corrected temperature 45.9°

Air 55° Surface 50° Drift.

Trawl or dredge or tangles

A.M. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
11. 44. 05	45.30	0		
44.33	11.44.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 16. Date Oct. 11, 1883
Sounding Machine. — Reel.

Turns 32 Cor. + 1 Depth 33

Shot or lead 20 lbs.

Bottom fine sand.

Bottom temperature 46.5

No. of Thermometer 5, 451 Cor. - 0.3°

Corrected temperature 46.2°

Air 55 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
PULL	DOWN.		UP.	DOWN.
12 - 11 - 0	2 - 11 - 0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off. 12-06. back of wire. Sounding wire
Cord 4 fathoms
2 1/2 fathoms

Hauled in 12 Sounding wire at 12.3°
600 fathoms = 864 fms 20 fms per min.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 46001.		Date	Sept. 17
Machine. — Reel.			
Turns —	Cor. +	—	Depth 15
Shot or lead	14 lbs. Hand.		
Bottom	fine gr. s.		
Bottom temperature	at m. 15 f.		
No. of Thermometer	—	Cor. —	
Corrected temperature			
Air 55	Surface 56	Drift.	
Trawl or dredge or tangles			
SOUNDING WIRE.		DREDGE ROPE.	
Polo, DOWN.	UP.	TURNS.	
12-52-0		0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507.

No. Hy 2018. Date Sept. 11.

Machine. — Reel. —

Turns — Cor. + — Depth 93

Shot or lead 14 lbs. Loss of

Bottom fine. 29°

Bottom temperature Fine taken

No. of Thermometer — Cor.

Corrected temperature —

Air 55 Surface 50 Drift.

Trawl or dredge or tangles —

Pell, SOUNDING WIRE. DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-45-0		0	100	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

100-1-46 1000' Standard wire, thick lead.
Dashed in wire to 2100' —
Coring 2200' Cor. 6

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 10, 25, Date 1/1/19

Tanner Machine. - Reel.

Turns 4/9 Cor. + is Depth 5

Shot or lead 2 lbs.

Bottom 46° 8

Bottom temperature 46.8

No. of Thermometer 514451 Cor. - 0

Corrected temperature 46.0°

Air 52 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
-32 -30	2 - 3.5 - 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Turns 2.55 feet 10 fms. + 10 fms.
+ lowered them in at 10 fms.
Chesapeake N.C. 1/1/19

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 2020 Date Sept. 9/17
Tanner Machine. — Reel. —

Turns 65 Cor. + 2 Depth 66

Shot or lead 20 lbs

Bottom 100 fms.

Bottom temperature 45°

No. of Thermometer 51451 Cor.

Corrected temperature 45.5°

Air 52 Surface 48 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-12-20	3-22-15	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 44. 2021 Date Sept. 21.
aner Machine. - Reel.

Turns 69 Cor. + 2 Depth 4/1

Shot or lead 20 lbs

Bottom frggy S brk Sh.

Bottom temperature 45.5

No. of Thermometer 51451 Cor. + 0.3°

Corrected temperature 45.2°

Air 54 Surface 57 Drift.

Trawl or dredge or tangles —

P. etd.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
3-45-30	347-30		0		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 507 Date

Machine. Reel.

Turns 50 Cor. + 0 Depth 52 m.

Shot or lead 20 lbs

Bottom 100 fms

Bottom temperature 16.5°

No. of Thermometer 31451 Cor. - 0.3

Corrected temperature 16.2°

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6 cables. This is $\frac{1}{2}$ fms/6,000

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11223. Date Oct. 9/89.

Machine. Reel.

Turns - Cor. + - Depth 50°
 Shot or lead 14 lbs Hand
 Bottom fine sand.
 Bottom temperature
 No. of Thermometer - Cor. -
 Corrected temperature
 Air 55 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
01. 0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6 dredged head N $\frac{3}{4}$ E (avg) dis. 5.6 mi.

27 - 5 on how 12 Wind, 3 min
 X hauled them in at 5.6
 6 dredged head N $\frac{3}{4}$ E (avg) dis. 5.6 mi.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400		4		
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. 2024 Hydro. Date Sept. 9th 1889.

Hand lead Machine. - Reel.

Turns - Cor. + Depth 16 fms.

Shot or lead 14 fms.

Bottom fine, gr. S. bk. Sp. br. Sh.

Bottom temperature min. tab.

No. of Thermometer - Cor.

Corrected temperature -

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.18.89.	5.29.89.	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy 2025 Date Sept. 9
 Machine. — Reel.
 Turns 18 Cor. + 1 Depth 11
 Shot or lead 12 lbs.
 Bottom Rely 7.6 m.
 Bottom temperature 48
 No. of Thermometer 51451 Cor.
 Corrected temperature 47.2
 Air 55 Surface 49 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-16-3.0	6-17-3.0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5

Date

Machine. Reel.

Turns Cor. Depth

Shot or lead 200

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 114' Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2027 Hub Date Sep 18

Machine. Reel.

Turns 200 Cor. + 0 Depth

Shot or lead 20 lbs.

Bottom

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.3°

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567
No. 2025 Sodas Date Feb. 1, 1882

Machine. Reel.

Turns 13 Cor. + 0 Depth 13 fms.

Shot or lead 20 lbs.

Bottom fine, yellow.

Bottom temperature 47.4°

No. of Thermometer 51451 Cor.

Corrected temperature 47.1°

Air 4° Surface 5° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.63.30	02.30	0		
3.10	1.03.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

hand lines on the wire
calculated at 8.15.

Bottom - wire -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 2029	Date	Sept 10, 1891
anner	Machine.	— Reel.
Turns 35	Cor. + 1	Depth 36
Shot or lead	20 lbs.	
Bottom	fine sand.	
Bottom temperature	51°	
No. of Thermometer	51 1/2°	Cor. -0.3°
Corrected temperature	51°	
Air	50	Surface 49 Drift.
Trawl or dredge or tangles		
SOUNDING WIRE.		
DOWN.	UP.	URNS.
90 - 30	9-1-30	0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
DREDGE ROPE.		
DOWN.	UP.	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. NY 2030 Date Sept. 10/8,

Machine. Reel.

Turns — Cor. + — Depth 13

Shot or lead 1st 16 fms.

Bottom fms. 79.8.

Bottom temperature 51°.6.

No. of Thermometer — Cor. —

Corrected temperature

Air 52 Surface 59 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 26. 0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 507		Date Sept. 12/03.
Machine.	Reel.	—
Turns —	Cor. + —	Depth 28
Shoot or lead	12 lbs. 2.6 m.	—
Bottom	fine gravel.	—
Bottom temperature	—	—
No. of Thermometer	—	Cor. —
Corrected temperature	—	—
Air 52	Surface 49	Drift.
Trawl or dredge or tangles —		
N.W. SOUNDING WIRE.		DREDGE ROPE.
DOWN.	UP.	TURNs.
10-15-0		0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 2032 Date Sept 10/69.

Machine. Reel.

Turns Cor. + Depth 28

Shot or lead 14 lbs. Pound.

Bottom

Bottom temperature

No. of Thermometer Cor. -

Corrected temperature

Air 57 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1/1-30-D		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~Hydro~~
No. 2033 Hydro. Date Sept. 10th

Tanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53 fms.

Shot or lead 20

Bottom 1500 fms.

Bottom temperature 41.6

No. of Thermometer 51451 Cor. 6.5

Corrected temperature 45.9

Air 32° Surface 31° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
13.14.50	16.20	0		
15.20	17.15.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 207 Date Oct. 22nd 1861
Machine. — Reel.

Turns 24 Cor. + 2 Depth 40 fms.

Shot or lead 20 lbs

Bottom 1.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.7°

Air 63 Surface 4.1 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

1

Machine.

Reel.

Turns

Cor. +

Depth 11

Shot or lead

14 ft.

Bottom

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

52

Surface

Drift.

Trawl or dredge or tangles

T.M. SOUNDING WIRE.

126.00

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 2036 Hydro Date Sept 10th 10

Ceramic Machine. Recl.

Turns 20 Cor. + 1 Depth

Shot or lead 20 m.

Bottom

Bottom temperature 41.

No. of Thermometer 31 Cor. -0.3°

Corrected temperature 48.2°

Air 52° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 20 Hydro. Date

11/11/18 Machine. Reel.

Turns — Cor. — Depth —

Shot or lead —

Bottom fms. 20.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 54 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Take bottom in G. No. Six & 1/2 (way) 3.5'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TRMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507.

No. 2000 Date Oct 18.

Machine. Reel.

Turns Cor. + Depth

Shot or lead 20 ft

Bottom

Bottom temperature 42.0°

No. of Thermometer 514. Cor. -0.7

Corrected temperature 48.3°

Air 55° Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. J. 2039. Date Sept. 10/69.

Immort. Machine. - Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead As ab.

Bottom fine. gy. S.

Bottom temperature 48.

No. of Thermometer 51451 Cor.

Corrected temperature 47.

Air 55 Surface 52 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-28. 0	4-29. 0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
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		2400		

2500
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 17

Date Aug. 1.

Tanner

Machine. - Reel.

Turns 24 Cor. +

Depth 25 f.

Shot or lead 20

Bottom K.R. 7 Co.

Bottom temperature 116.4

No. of Thermometer 514451 Cor. -0.3

Corrected temperature 116.1

Air 55° Surface 32° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.31.31	33.6	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2300		
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3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2041 Log No. Date ⁰ Sept. 11

Jammer Machine. Reel.

Turns 62 Cor. + 2 Depth 61

Shot or lead 20

Bottom 0.

Bottom temperature 2

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 45.8°

Air 37 Surface 30 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.44 10	45.50	0		
44.30	6.44 10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
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		2100		
		2200		
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2500
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2800
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2042 Hydro. Date Sept. 10th 1881

Janner Machine. — Reel.

Turns 130 Cor. + 4 Depth 134 fms

Shot or lead 20 lbs.

Bottom fine sand

Bottom temperature 45.6

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.7

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.40.50	411.50	0		
42.00	43.20	100		
42.30	7.42.40	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Upper or final light from S. 61° 45' S.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 744000	Date	Sept. 10, 1893		
Journal	Machine.	Reel.		
Turns 160 Cor. + 5		Depth 165		
Shot or lead 30 lbs.				
Bottom 6K.S.				
Bottom temperature 45				
No. of Thermometer 57 45 Cor. - 0.3				
Corrected temperature 44.7°				
Air 54 Surface 52 Drift.				
Trawl or dredge or tangles				
SOUNDING WIRE.		DEPTH.	DREDGE ROPE.	
DOWN.	UP.	FT.	DOWN.	UP.
8-88-0	8-45-0	0		
40-0	40-0	100		
41-0	8-41-30	60		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
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		2100		
		2200		
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3100
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. H. 2001 Date Oct 15 1867
 Danner Machine. Reel.
 Turns 228 Cor. + 6 Depth 2 34
 Shot or lead 20 lbs.
 Bottom 1/2 S.
 Bottom temperature 42.5
 No. of Thermometer 51451 Cor. + 0.3°
 Corrected temperature 42.2°
 Air 54. Surface 54 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-16-0	25-0	0		
18-0	23-80	100		
19-15	22-80	200		
20-0	10-20-30	200 { 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
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		1800		
		1900		
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		2100		
		2200		
		2300		
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3600
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2000 myg. Date Sept. 11th
Sighter Machine. 2 Reel.

Turns 351 Cor. + 33 - Depth 384 fms.
Shot or lead 35 lbs.

Bottom gr. 71.

Bottom temperature 40.2° *

No. of Thermometer 51451 Cor. - 0.1°

Corrected temperature 40.1°

Air 56° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.37-20	55.45	0		
39.05	52.30	100		
41.00	50.05	200		
42.50	48.25	300		
43.55	47.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		2200		
		2300		
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2800
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3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2046 Log No. Date Sept. 11th 1887
Tanner Machine.— Reel.

Turns 112 Cor. + 4. Depth 116 fms.

Shot or lead 20 lbs

Bottom 56°

Bottom temperature

No. of Thermometer 51451 Cor. - 0

Corrected temperature 44.9°

Air 56° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
2.54.50	58.0	0		
56.00	57.5	100		
56.20	2.55.25	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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2500
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 4047 Negro. Date Oct. 11th 1881.

Turns Machine to Reel.

Turns 60 Cor. + 2 Depth 64 fms.

Shoal lead 20 fms.

Bottom 0

Bottom temperature 46.3°

No. of Thermometer 51 H.S. Cor. - 0.3°

Corrected temperature 46.0°

Air 35° Surface 50° Drift.

Trawl or dredge or tangles

W.H. Sounding Wire.	Down.	Up.	Turns.	Dredge Rope.	
				Down.	Up.
46.96	56.06		0		
55.05	7.5.20		100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
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2800
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3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
No. Hy. 2048 Date Sept. 11, 1899.

Janitor Machine. — Reel.

Turns 44 Cor. + 2 Depth 46

Shot or lead 30 lbs.

Bottom no. 99. S.

Bottom temperature 46.1

No. of Thermometer 51451 Cor. + 0.3°

Corrected temperature 45.8°

Air 51 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-19-50	6-19-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Griswold light house from E. 3/8 S. 1/2 W.
distant 4.2.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy. 2049 Date Sept. 11/89.

Tanner Machine. — Reel.

Turns 66 Cor. + 2 Depth 68

Shot or lead Do it

Bottom C.

Bottom temperature 46

No. of Thermometer 51 451 Cor. - 0.3°

Corrected temperature 45.7°

Air 51 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-11-0	7-14-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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		2200		
		2300		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.